
	ENVIRONMENTAL MANAGEMENT PROGRAM REFUSE DISPOSAL DIVISION			
Landfill Gas Management				
GM 0101	Process Map Number(s): GM-1.0			
<p>Background / Purpose: The purpose of this EMP is to research the feasibility of developing a co-generation project at the Arizona Street Landfill to supply the electrical energy needs for the Morley Field Recreation Center. Based on the success of the Miramar Co-generation Project the use of landfill gas to provide electrical energy not only turns a liability into an asset but also reduces the power demand on the grid and would provide Morley Field Recreation Center a large operational cost savings as well.</p> <p>Objective: Resource Conservation Effort</p> <p>Related Significant Aspects: Fugitive Gas Emissions, Improper Gas System Ops</p> <p>Target: Conduct Arizona St. landfill gas to energy feasibility study for Morley Field Recreation Center and potential nearby uses.</p> <p>Target Completion Date(s): January 3, 2002. Select suggested alternative and begin approval process.</p> <p>Action Plan: Complete economic feasibility study by June 1, 2001; determine privatizing vs. in-house project management, select preferred alternative and initiate approval process by January 3, 2002. <i>(Pending positive results of feasibility study).</i></p> <p>Responsible Person(s): Senior Engineer- Mechanical</p> <p>Resources Required: Feasibility study results.</p> <p>Environmental Performance Indicator(s): Feasibility study completed, project management determined, design work started.</p> <p>Comments (including other expected benefits or cost savings): Reduction in greenhouse gasses, reduction in electricity required from grid, potential \$200 K utility cost avoidance per year, operations and maintenance cost avoidance under privatization agreement.</p> <p>Baseline Data: There is no current baseline data for the Arizona St. landfill gas to energy project. This EMP will begin to establish this data.</p>				
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%; vertical-align: top;"> Approved by: Ray Purtee Mark zu Hone </td> <td style="width: 40%; vertical-align: top;"> Senior Engineer- Mechanical Environmental Management Representative </td> </tr> </table>			Approved by: Ray Purtee Mark zu Hone	Senior Engineer- Mechanical Environmental Management Representative
Approved by: Ray Purtee Mark zu Hone	Senior Engineer- Mechanical Environmental Management Representative			

EMP Schedule					
Step	Action Items	Responsibilities	Role	Schedule	Resources Required
1	Complete economic feasibility	Sr. Eng. Mech.	Lead	6/01/01	Consultant
2	Determine preferred development alternative	Sr. Eng. Mech.	Lead	12/17/01	N/A
3	Initiate preferred alternative approval process	Sr. Eng. Mech.	Lead	01/03/02	N/A